Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
Data File : VN085396.D
Acq On : 07 Jan 2025 13:28
Operator : JC\MD
Sample : Q1013-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 08 04:17:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Dec 21 02:03:07 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
001 WILLETS PT BLVD (JAN)

Manual Integrations APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.806	128	20654	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	95424	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	93046	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	53728	29.571	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 98.567%			
60) 4-Bromofluorobenzene	12.841	95	36366	24.128	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 80.433%			
63) Toluene-d8	10.559	98	121846	26.818	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 89.400%#			
Target Compounds						Qvalue
15) Acetone	4.418	58	13064m	70.271	ug/l	
30) 2-Butanone	7.477	43	10866	12.425	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	8811	4.671	ug/l #	88
62) Toluene	10.624	91	498935	87.282	ug/l	99
67) m/p-Xylenes	12.071	106	894m	0.396	ug/l	
68) o-Xylene	12.394	106	497	0.231	ug/l	53
80) 1,2,4-Trimethylbenzene	13.482	105	3778	0.824	ug/l	95
82) p-Isopropyltoluene	13.723	119	5185	1.158	ug/l	99
91) Naphthalene	15.635	128	3054	0.849	ug/l #	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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